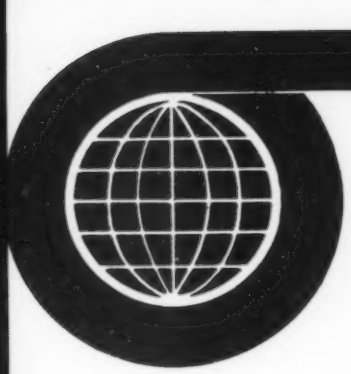

# WORLD DEVELOPMENT

THE MULTI-DISCIPLINARY INTERNATIONAL JOURNAL DEVOTED
TO THE STUDY AND PROMOTION OF WORLD DEVELOPMENT

## Volume 21 1993

### List of Contents and Author Index

Published by **Pergamon Press**
Oxford · New York · Seoul · Tokyo

# World Development

**Chairman of the Editorial Board**
Paul P. Streeten

**Editor**
Janet L. Craswell

The American University
4400 Massachusetts Ave, NW
Washington, DC 20016-8151
U.S.A.

**Copy Editor**
Therese Borden

**Editorial Assistant**
Elma Shaw

**Production Editor**
Colin Brown

Elsevier Science Ltd
Headington Hill Hall
Oxford OX3 0BW, U.K.

**Address to which articles are to be mailed**

The Editor

World Development
The American University
4400 Massachusetts Ave, NW
Washington, DC 20016-8151
U.S.A.

**Annual Institutional Subscription Rates 1994: North, Central and South America. U.S.$810.00. Rest of World £525.00. Associated Personal Subscription Rates are available on request for those whose institutions are library subscribers. Sterling prices exclude VAT. Non-VAT registered customers in the European Community will be charged the appropriate VAT in addition to the price listed. Prices include postage and insurance and are subject to change without notice.**

**Published Monthly**

Members of the Society for International Development and Development Studies Association may order personal subscriptions at a concessional rate, details of which are available on request.

Subscription enquiries from customers in North America should be sent to: Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, U.S.A., and for the remainder of the world to: Elsevier Science Ltd, Headington Hill Hall, Oxford OX3 0BW, U.K.

**Copyright © 1994 Elsevier Science Ltd**

Whilst every effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinion or statement appear in this journal, they wish to make it clear that the data and opinions appearing in the articles and advertisements herein are the sole responsibility of the contributor or advertiser concerned. Accordingly, the publishers, the editorial board and editors and their respective employees, officers and agents accept no responsibility or liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement.

Second Class Postage Paid at Newark NJ. Postmaster send address corrections to World Development, c/o Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591–5153, U.S.A.

**Publishing, Subscription and Advertising Offices**

Elsevier Science Ltd
Headington Hill Hall
Oxford OX3 0BW, U.K.

Elsevier Science Inc.
660 White Plains Road
Tarrytown, NY 10591-5153, U.S.A.

# CONTENTS OF VOLUME 21

## Volume 21 Number 1


| | | |
|---|---|---|
| H. Pack | 1 | Productivity and Industrial Development in Sub-Saharan Africa |
| T. Reardon | 17 | Cereals Demand in the Sahel and Potential Impacts of Regional Cereals Protection |
| R. Goode | 37 | Tax Advice to Developing Countries: An Historical Survey |
| D. K. Crone | 55 | States, Elites, and Social Welfare in Southeast Asia |
| F. Wilson | 67 | Workshops as Domestic Domains: Reflections on Small-Scale Industry in Mexico |
| T. E. Schweigert | 81 | Commercial Sector Wages and Subsistence Sector Labor Productivity in Guatemalan Agriculture |
| C. E. Haque and M. Q. Zaman | 93 | Human Responses to Riverine Hazards in Bangladesh: A Proposal for Sustainable Floodplain Development |
| T. R. Valentine | 109 | Drought, Transfer Entitlements, and Income Distribution: The Botswana Experience |
| L. Serven and A. Solimano | 127 | Debt Crisis, Adjustment Policies and Capital Formation in Developing Countries: Where Do We Stand? |
| J. O. Ihonvbere | 141 | Economic Crisis, Structural Adjustment and Social Crisis in Nigeria |
| E. J. Sheehey | 155 | Exports as a Factor of Production: A Consistency Test |
| E. Lancieri | 161 | Dollar GNP Estimates for Central and Eastern Europe 1970–90: A Survey and a Comparison with Western Countries |
| S. Akbar and D. J. DeVoretz | 177 | Canada's Demand for Third World Highly Trained Immigrants: 1976–86 |
| | 189 | Acknowledgements |

## Volume 21 Number 2

### ISLANDS AND SMALL STATES: ISSUES AND POLICIES


191 Acknowledgements

L. Briguglio and J. Kaminarides — 193 Introduction

P. Streeten — 197 The Special Problems of Small Countries

C. Milner and T. Westaway — 203 Country Size and the Medium-Term Growth Process: Some Cross-Country Evidence

C. Tisdell — 213 Project Appraisal, The Environment and Sustainability for Small Islands

C. Farrugia — 221 The Special Working Environment of Senior Administrators in Small States

J. Kaminarides and E. Nissan — 227 The Effects of International Debt on the Economic Development of Small Countries

R. V. Cole — 233 Economic Development in the South Pacific Promoting the Private Sector

G. Bertram — 247 Sustainability, Aid, and Material Welfare in Small South Pacific Island Economies, 1900–90

P. Demetriades, A. Al-Jebory and G. Kamperis — 259 Manufacturing Exports, Economic Growth and the Current Account in a Small Island Economy: Simulation Results from an Econometric Model for Cyprus

L. Briguglio — 269 The Terms of Trade and the Direction of Trade in the Maltese Economy

P. U. C. Dieke — 277 Tourism in The Gambia: Some Issues in Development Policy

A. R. Caram — 291 The Repercussions of Financial Imbalances in Suriname

M. Sofer — 301 Uneven Regional Development and Internal Labor Migration in Fiji

H. Armstrong, G. Johnes, J. Johnes and A. Macbean — 311 The Role of Transport Costs as a Determinant of Price Level Differentials Between the Isle of Man and the United Kingdom, 1989

## Volume 21 Number 3


| | | |
|---|---|---|
| R. Levine and D. Scott | 319 | Old Debts and New Beginnings: A Policy Choice in Transitional Socialist Economies |
| E. J. Wilson, III | 331 | French Support for Structural Adjustment Programs in Africa |
| E. M. Roe | 349 | Public Service, Rural Development and Careers in Public Management: A Case Study of Expatriate Advising and African Land Reform |
| R. Alsop | 367 | Whose Interests? Problems in Planning for Women's Practical Needs |
| A. H. Amsden and Yoon-Dae Euh | 379 | South Korea's 1980s Financial Reforms: Good-bye Financial Repression (Maybe), Hello New Institutional Restraints |
| R. E. B. Lucas | 391 | On the Determinants of Direct Foreign Investment: Evidence from East and Southeast Asia |
| S. Jacobsson | 407 | The Length of the Infant Industry Period: Evidence from the Engineering Industry in South Korea |
| D. P. Clark, D. L. Kaserman and D. Anantanasuwong | 421 | A Diffusion Model of Industrial Sector Growth in Developing Countries |
| E. L. Hyman | 429 | Production of Edible Oils For the Masses and By the Masses: The Impact of the Ram Press in Tanzania |
| G. S. Amacher, W. F. Hyde and M. Rafiq | 445 | Local Adoption of New Forestry Technologies: An Example from Pakistan's Northwest Frontier Province |
| R. Buckley, B. Lipman and T. Persaud | 455 | Mortgage Design Under Inflation and Real Wage Uncertainty: The Use of a Dual Index Instrument |
| R. A. Lopez and Z. You | 465 | The Impact of Oligopsony and Taxation on the Haitian Coffee Economy |
| P. R. Martinez | 475 | Peasant Policy Within the Nicaraguan Agrarian Reform, 1979–89 |

## Volume 21 Number 4


M. Pastor, Jr. and E. Hilt 489 Private Investment and Democracy in Latin America

Y. H. Farzin 509 Importance of Foreign Investment for the Long-Run Economic Development of the United Arab Emirates

G. Caprio and P. Honohan 523 Excess Liquidity and Monetary Overhangs

C. M. Becker and A. R. Morrison 535 Observational Equivalence in the Modeling of African Labor Markets and Urbanization

D. W. Adams, H. Y. Chen and M. B. Lamberte 555 Differences in Uses of Rural Financial Markets in Taiwan and The Philippines


### SPECIAL SECTION
### STATE, MARKET, AND CIVIL ORGANIZATIONS: NEW THEORIES, NEW PRACTICES, AND THEIR IMPLICATIONS FOR RURAL DEVELOPMENT


A. de Janvry, E. Sadoulet and E. Thorbecke 565 Introduction

L. Taylor 577 The Rocky Road to Reform: Trade, Industrial, Financial, and Agricultural Strategies

E. Thorbecke 591 Impact of State and Civil Institutions on the Operation of Rural Market and Nonmarket Configurations

N. Uphoff 607 Grassroots Organizations and NGOs in Rural Development: Opportunities with Diminishing States and Expanding Markets

J. B. Nugent 623 Between State, Markets and Households: A Neoinstitutional Analysis of Local Organizations and Institutions

P. Bardhan 633 Analytics of the Institutions of Informal Cooperation in Rural Development

M. Lipton 641 Land Reform as Commenced Business: The Evidence Against Stopping

A. de Janvry and E. Sadoulet 659 Market, State, and Civil Organizations in Latin America Beyond the Debt Crisis: The Context for Rural Development

G. C. Rausser and S. R. Johnson 675 State-Market-Civil Institutions: The Case of Eastern Europe and the Soviet Republics

## Volume 21 Number 5


| | | |
|---|---|---|
| R. F. Doner and A. Ramsay | 691 | Postimperialism and Development in Thailand |
| J. A. Schaffner | 705 | Rural Labor Legislation and Permanent Agricultural Employment in Northeastern Brazil |
| G. Christensen | 721 | The Limits to Informal Financial Intermediation |
| D. Whittington, D. T. Lauria, K. Choe, J. A. Hughes, V. Swarna and A. M. Wright | 733 | Household Sanitation in Kumasi, Ghana: A Description of Current Practices, Attitudes, and Perceptions |
| A. Elek, H. Hill and S. R. Tabor | 749 | Liberalization and Diversification in a Small Island Economy: Fiji Since the 1987 Coups |
| R. E. Burns | 771 | Irrigated Rice Culture in Monsoon Asia: The Search for an Effective Water Control Technology |
| M. Renkow | 791 | Land Prices, Land Rents, and Technological Change: Evidence from Pakistan |
| D. Byerlee and M. L. Morris | 805 | Calculating Levels of Protection: Is It Always Appropriate to Use World Reference Prices Based on Current Trading Status? |
| J. James and H. A. Khan | 817 | The Employment Effects of an Income Redistribution in Developing Countries |
| S. M. Randolph and W. F. Lott | 829 | Can the Kuznets Effect Be Relied on to Induce Equalizing Growth? |
| V. Murinde | 841 | Budgetary and Financial Policy Potency Amid Structural Bottlenecks: Evidence From Uganda |
| Y. van der M. Rodgers | 861 | An Economic Analysis of Debt Swaps and Case Study of the Harvard Debt for Education Swap |
| L. Taylor | 869 | The World Bank and The Environment: The World Development Report 1992 |

## Volume 21 Number 6


S. D. Young 883 Going to Market: Economic Organization and Transformation in a Hungarian Firm

P. Smoke 901 Local Government Fiscal Reform in Developing Countries: Lessons From Kenya

R. Assaad 925 Formal and Informal Institutions in the Labor Market, with Applications to the Construction Sector in Egypt

K. R. Smith, Gu Shuhua, Huang Kun and Qiu Daxiong 941 One Hundred Million Improved Cookstoves in China: How Was It Done?

A. A. McPhail 963 The "Five Percent Rule" For Improved Water Service: Can Households Afford More?

T. S. Jayne and L. Rubey 975 Maize Milling, Market Reform and Urban Food Security: The Case of Zimbabwe

M. Svendsen 989 The Impact of Financial Autonomy on Irrigation System Performance in the Philippines

B. Gibson and R. Godoy 1007 Alternatives to Coca Production in Bolivia: A Computable General Equilibrium Approach

M. Bahmani-Oskooee 1023 Purchasing Power Parity Based on Effective Exchange Rate and Cointegration: 25 LDCs' Experience with its Absolute Formulation


### SPECIAL SECTION

### ROBERT BATES, RATIONAL CHOICE AND THE POLITICAL ECONOMY OF DEVELOPMENT IN AFRICA


H. Stein and E. J. Wilson, III 1033 Introduction

H. Stein and E. J. Wilson, III 1035 The Political Economy of Robert Bates: A Critical Reading of Rational Choice in Africa

S. Berry 1055 Understanding Agricultural Policy in Africa: The Contributions of Robert Bates

P. E. Peters 1063 Is "Rational Choice" the Best Choice for Robert Bates? An Anthropologist's Reading of Bates's Work

R. H. Bates 1077 A Reply

1083 Acknowledgements

## Volume 21 Number 7


M. R. Carter and D. Mesbah 1085 Can Land Market Reform Mitigate the Exclusionary Aspects of Rapid Agro-Export Growth?

L. T. Raynolds, D. Myhre, P. McMichael, V. Carro-Figueroa and F. H. Buttel 1101 The "New" Internationalization of Agriculture: A Reformulation

J. Quiggin 1123 Common Property, Equality, and Development

D. Kaimowitz 1139 The Role of Nongovernmental Organizations in Agricultural Research and Technology Transfer in Latin America

P. Cook and M. Minogue 1151 Economic Reform and Political Change in Myanmar (Burma)

R. Zukowski 1163 Stabilization and Recession in a Transitional Economy: The Case of Poland

R. Barlow and W. Snyder 1179 Taxation in Niger: Problems and Proposals

P. Athukorala and S. Rajapatirana 1191 Domestic Financial Market and the Trade Liberalization Outcome: Evidence From Sri Lanka

W. J. House, G. K. Ikiara and D. McCormick 1205 Urban Self-Employment in Kenya: Panacea or Viable Strategy?

M. Lücke 1225 The Diffusion of Process Innovations in Industrialized and Developing Countries: A Case Study of the World Textile and Steel Industries

R. Culpeper 1239 A Note on the Multilateral Creditors and the Debt Crisis


## Volume 21 Number 8

### ECONOMIC LIBERALIZATION AND DEMOCRATIZATION: EXPLORATIONS OF THE LINKAGES


L. Whitehead 1245 Introduction: Some Insights from Western Social Theory

J. G. Merquior 1263 A Panoramic View of the Rebirth of Liberalisms

P. A. Gourevitch 1271 Democracy and Economic Policy: Elective Affinities and Circumstantial Conjunctures

P. Streeten 1281 Markets and States: Against Minimalism

G. Hawthorn 1299 Liberalization and 'Modern Liberty': Four Southern States

N. Manning 1313 T. H. Marshall, Jurgen Habermas, Citizenship and Transition in Eastern Europe

J. Williamson 1329 Democracy and the "Washington Consensus"

L. C. Bresser Pereira 1337 Economic Reforms and Cycles of State Intervention

G. O'Donnell 1355 On the State, Democratization and Some Conceptual Problems: A Latin American View with Glances at Some Postcommunist Countries

L. Whitehead 1371 On "Reform of the State" and "Regulation of the Market"

## Volume 21 Number 9

G. Hyden and B. Karlstrom 1395 Structural Adjustment as a Policy Process: The Case of Tanzania

W. M. Adams 1405 Development's Deaf Ear: Downstream Users and Water Releases From the Bakolori Dam, Nigeria

J. M. Albala-Bertrand 1417 Natural Disaster Situations and Growth: A Macroeconomic Model for Sudden Disaster Impacts

R. Pomfret 1435 Measuring the Effects of Economic Integration on Third Countries: A Comment on Kreinin and Plummer

M. E. Kreinin and M. G. Plummer 1439 A Reply to Richard Pomfret's Comment

D. Khatkhate 1441 Productivity in Manufacturing as a Determinant of Growth: The Indian Case

SPECIAL SECTION
EXPERIENCE WITH AGRICULTURAL POLICY:
SOME LESSONS FOR SOUTH AFRICA

R. E. Christiansen, J. van Rooyen and D. Cooper 1447 Editors' Introduction

H. P. Binswanger and K. Deininger 1451 South African Land Policy: The Legacy of History and Current Options

B. H. Kinsey and H. P. Binswanger 1477 Characteristics and Performance of Resettlement Programs: A Review

A. Duncan and S. Jones 1495 Agricultural Marketing and Pricing Reform: A Review of Experience

M. Lipton and M. Lipton 1515 Creating Rural Livelihoods: Some Lessons for South Africa From Experience Elsewhere

R. E. Christiansen 1549 Implementing Strategies for the Rural Economy: Lessons from Zimbabwe, Options for South Africa

## Volume 21 Number 10

J. Tendler 1567 Tales of Dissemination in Small-farm Agriculture: Lessons for Institution Builders

P. Mosley and J. Weeks 1583 Has Recovery Begun? "Africa's Adjustment in the 1980s" Revisited

P. Athukorala 1607 Manufactured Exports from Developing Countries and Their Terms of Trade: A Reexamination of the Sarkar-Singer Results

M. F. Bleaney 1615 Manufactured Exports of Developing Countries and Their Terms of Trade Since 1965: A Comment

P. Sarkar and H. W. Singer 1617 Manufacture — Manufacture Terms of Trade Deterioration: A Reply

A. A. Nyatepe-Coo 1621 External Disturbances, Domestic Policy Responses and Debt Accumulation in Nigeria

P. Clements 1633 An Approach to Poverty Alleviation for Large International Development Agencies

W. A. Masters and E.-A. Nuppenau 1647 Panterritorial Versus Regional Pricing for Maize in Zimbabwe

K. S. Zimmerer 1659 Soil Erosion and Labor Shortages in the Andes with Special Reference to Bolivia, 1953–91: Implications for "Conservation-With-Development"

A. M. Abdel-Latif 1677 The Nonprice Determinants of Export Success or Failure: The Egyptian Ready-made Garment Industry, 1975–89

K. W. Ketkar 1685 Public Sector Banking, Efficiency and Economic Growth in India

K. Hewison 1699 Nongovernmental Organizations and the Cultural Development Perspective in Thailand: A Comment on Rigg (1991)

J. Rigg 1709 A Reply to Kevin Hewison

## Volume 21 Number 11

D. F. Bryceson and J. Howe 1715 Rural Household Transport in Africa: Reducing the Burden on Women?

M. Munasinghe 1729 Environmental Issues and Economic Decisions in Developing Countries

J. R. Behrman 1749 The Economic Rationale for Investing in Nutrition in Developing Countries

N. Kardam 1773 Development Approaches and the Role of Policy Advocacy: The Case of the World Bank

M. T. Rock 1787 "Twenty-five Years of Economic Development" Revisited

B. Ingham 1803 The Meaning of Development: Interactions Between "New" and "Old" Ideas

A. Solimano 1823 The Postsocialist Transitions in Comparative Perspective: Policy Issues and Recent Experience

B. Bruns 1837 Promoting Participation in Irrigation: Reflections on Experience in Southeast Asia

R. Kaplinsky 1851 Export Processing Zones in the Dominican Republic: Transforming Manufactures into Commodities

D. Seck and Y. H. El Nil 1867 Financial Liberalization in Africa

B. Clements and G. Schwartz 1883 Currency Substitution: The Recent Experience of Bolivia

## Volume 21 Number 12


| | | |
|---|---|---|
| M. Moore and L. Hamalai | 1895 | Economic Liberalization, Political Pluralism and Business Associations in Developing Countries |
| E. A. Morgan, G. D. Power and V. B. Weigel | 1913 | Thinking Strategically About Development: A Typology of Action Programs for Global Change |
| J. A. Tobey | 1931 | Toward a Global Effort to Protect the Earth's Biological Diversity |
| C. Jackson | 1947 | Doing What Comes Naturally? Women and Environment in Development |
| G. Geisler | 1965 | Silences Speak Louder Than Claims: Gender, Household, and Agricultural Development in Southern Africa |
| J. M. Due | 1981 | Liberalization and Privatization in Tanzania and Zambia |
| D. Brautigam | 1989 | South-South Technology Transfer: The Case of China's Kpatawee Rice Project in Liberia |
| R. Tripp | 2003 | Invisible Hands, Indigenous Knowledge and Inevitable Fads: Challenges to Public Sector Agricultural Research in Ghana |
| P. Conway and J. Greene | 2017 | Is Africa Different? |
| M. Chatterji, B. Gilmore, K. Strunk and J. Vanasin | 2029 | Political Economy, Growth and Convergence in Less-Developed Countries |
| S. Guhathakurta | 2039 | Economic Independence Through Protection? Emerging Contradictions in India's Small-scale Sector Policies |
| I. Husain | 2055 | A Comment on "The IMF, The World Bank and Africa's Adjustment and External Debt Problems: An Unofficial View" |
| G. K. Helleiner | 2059 | A Reply |
| | 2065 | Acknowledgements |

# AUTHOR INDEX


Abdel-Latif, A. M. 1677
Adams, W. M. 1405
Adams, D. W. 555
Adsdem, A. H. 379
Akbar, S. 177
Al-Jebory, A. 259
Albala-Bertrand, J. M. 1417
Alsop, R. 367
Amacher, G. S. 445
Anantanasuwong, D. 421
Armstrong, H. 311
Assaad, R. 925
Athukorala, P. 1607
Athukorala, P. 1191

Bahmani-Oskooee, M. 1023
Bardhan, P. 633
Barlow, R. 1179
Bates, R. H. 1077
Becker, C. M. 535
Behrman, J. R. 1749
Berry, S. 1055
Bertram, G. 247
Binswanger, H. P. 1451, 1477
Bleaney, M. F. 1615
Brautigam, D. 1989
Bresser Pereira, L. C. 1337
Briguglio, L. 193, 269
Bruns, B. 1837
Bryceson, D. F. 1715
Buckley, R. 455
Burns, R. E. 771
Buttel, F. H. 1101
Byerlee, D. 805

Caprio, G. 523
Caram, A. R. 291
Carro-Figueroa, V. 1101
Carter, M. R. 1085
Chatterji, M. 2029
Chen, H. Y. 555
Choe, K. 733
Christensen, G. 721
Christiansen, R. E. 1447, 1549
Clark, D. P. 421
Clements, P. 1633
Clements, B. 1883
Cole, R. V. 233
Conway, P. 2017
Cook, P. 1151
Cooper, D. 1447
Crone, D. K. 55
Culpeper, R. 1239

Deininger, K. 1451
Demetriades, P. 259
DeVoretz, D. J. 177
Dieke, P. U. C. 277
Doner, R. F. 691
Due, J. M. 1981
Duncan, A. 1495

El Nil, Y. H. 1867
Elek, A. 749

Farrugia, C. 221
Farzin, Y. H. 509

Geisler, G. 1965
Gibson, B. 1007
Gilmore, B. 2029
Godoy, R. 1007
Goode, R. 37
Gourevitch, P. A. 1271
Greene, J. 2017
Gu Shuhua 941
Guhathakurta, S. 2039

Hamalai, L. 1895
Haque, C. E. 93
Hawthorn, G. 1299
Helleiner, G. K. 2059
Hewison, K. 1699
Hill, H. 749
Hilt, E. 489
Honohan, P. 523
House, W. J. 1205
Huang Kun 941
Hughes, J. A. 733
Husain, I. 2055
Hyde, W. F. 445
Hyden, G. 1395
Hyman, E. L. 429

Ihonvbere, J. O. 141
Ikiara, G. K. 1205
Ingham, B. 1803

Jackson, C. 1947
Jacobsson, S. 407
James, J. 817
Janvry, A. de 565, 659
Jayne, T. S. 975
Johnes, G. 311
Johnes, J. 311
Johnson, S. R. 675
Jones, S. 1495

Kaimowitz, D. 1139
Kaminarides, J. 193, 227
Kamperis, G. 259
Kaplinsky, R. 1851
Kardam, N. 1773
Karlstrom, B. 1395
Kaserman, D. L. 421
Ketkar, K. W. 1685
Khaltkhate, D. 1441
Khan, H. A. 817
Kinsey, B. H. 1477
Kreinin, M. E. 1439

Lamberte, M. B. 555
Lancieri, E. 161

Lauria, D. T. 733
Levine, R. 319
Lipman, B. 455
Lipton, M. 641, 1515
Lopez, R. A. 465
Lott, W. F. 829
Lucas, R. E. B. 391
Lücke, M. 1225

Macbean, A. 311
Manning, N. 1313
Martinez, P. R. 475
Masters, W. A. 1647
McCormick, D. 1205
McMichael, P. 1101
McPhail, A. A. 963
Merquior, J. G. 1263
Mesbah, D. 1085
Milner, C. 203
Minogue, M. 1151
Moore, M. 1895
Morgan, E. A. 1913
Morris, M. L. 805
Morrison, A. R. 535
Mosley, P. 1583
Munasinghe, M. 1729
Murinde, V. 841
Myhre, D. 1101

Nissan, E. 227
Nugent, J. B. 623
Nuppenau, E.-A. 1647
Nyatepe-Coo, A. A. 1621

O'Donnell, G. 1355

Pack, H. 1
Pastor, M. Jr 489
Persaud, T. 455
Peters, P. E. 1063
Plummer, M. G. 1439
Pomfret, R. 1435
Power, G. D. 1913

Qiu Daxiong 941
Quiggin, J. 1123

Rafiq, M. 445
Rajapatirana, S. 1191
Ramsay, A. 691
Randolph, S. M. 829
Rausser, G. C. 675
Raynolds, L. T. 1101
Reardon, T. 17
Renkow, M. 791
Rigg, J. 1709
Rock, M. T. 1787
Roe, E. M. 349
Rogers, Y. van der M. 861
Rooyen, J. van 1447
Rubey, L. 975

Sadoulet, E. 565, 659
Sarkar, P. 1617
Schaffner, J. A. 705
Schwartz, G. 1883
Schweigert, T. E. 81
Scott, D. 319
Seck, D. 1867
Serven, L. 127
Sheehey, E. J. 155
Singer, H. W. 1617
Smith, K. R. 941
Smoke, P. 901
Snyder, W. 1179
Sofer, M. 301
Solimano, A. 127, 1823
Stein, H. 1033, 1035
Streeten, P. 197, 1281
Strunk, K. 2029
Svendsen, M. 989
Swarna, V. 733

Tabor, S. R. 749
Taylor, L. 577, 869
Tendler, J. 1567
Thorbecke, E. 565, 591
Tisdell, C. 213
Tobey, J. A. 1913
Tripp, R. 2003

Uphoff, N. 607

Valentine, T. R. 109
Vanasin, J. 2029

Weeks, J. 1583
Weigel, V. B. 1913
Westaway, T. 203
Whitehead, L. 1245, 1371
Whittington, D. 733
Williamson, J. 1329
Wilson, F. 67
Wilson, III, E. J. 311, 1033, 1035
Wright, A. M. 733

Yoon-Dae Euh 379
You, Z. 465
Young, S. D. 883

Zaman, M. Q. 93
Zimmerer, K. S. 1659
Zukowski, R. 1163

## NOTES FOR CONTRIBUTORS

*Submission:*

1. Three copies of a paper or note should be submitted to the Editor in a form suitable for sending anonymously to the reviewers. Copies must be typed on one side of the paper only, in double spacing. A fourth copy should be retained by the author, because submissions will not be returned.

2. Papers should be accompanied by a record of the author's name, address, affiliation, and a contact telephone or fax number where possible. All papers should include a summary of no more than 100 words.

3. Because of heavy pressures on space, papers should not exceed 30–35 double-spaced pages, including summary, tables, figures, notes, and references.

*Presentation, format, and house style:*

4. Since development affects women as well as men, *World Development* uses gender-neutral language. For example, "man" is not acceptable as a generic term ("human" is), and masculine pronouns should only be applied to males.

5. *World Development* uses American rather than British spelling. Numbers from zero to nine should be written out; numerals should be used for all other numbers.

6. Bibliographical references should be carefully checked for accuracy. Every reference cited in the paper, whether in the text, tables or figures, must be listed in the References section. Book references should give (in this order) author name(s), full title, place of publication, publisher, and year of publication. Journal references should give author name(s), full title, journal title, volume and issue numbers, year, and inclusive page numbers. References to privately circulated or mimeographed material should contain the name and location of the appropriate department or institution.

7. Broad divisions and section headings should be clearly marked in the text where appropriate. Any quotations should appear in double marks, with quotations that exceed 40 words indented in the text.

8. The full mathematical workings necessary for justifying each step of the argument should accompany all papers of a mathematical character in order to assist the referees. These workings will not be published.

9. Notes should be numbered consecutively and placed at the end of the paper **(not at the bottom of each page)**. Authors' acknowledgements should be given on a separate sheet, and will be printed on the first page of the article.

10. Figures should be clearly drawn, with clearly marked axes. They should be submitted on separate sheets (not in the text) and accompanied by the basic statistics required for their preparation.

11. Statistical tables should be submitted on separate sheets (not in the text). Each row or column should be clearly labeled with appropriate headings, units of measurement, etc. Base dates for index numbers, geographical area covered, units of measurement, and sources should be clearly stated. Vertical lines may not be used in tables, and horizontal lines should be kept to a minimum.

12. The positions of tables and figures should be clearly marked in the text; these will be adhered to wherever practicable.

*Proofs and reprints:*

13. Authors are expected to correct proofs expeditiously and to keep alterations to a minimum; the original typescript must be regarded as definitive. The publisher reserves the right to charge authors for excessive authors' corrections made in proof.

14. Twenty-five reprints are provided free of charge. Further copies may be purchased at a discount if ordered on the form which accompanies the author's proofs.

*Copyrights:*

15. It is the responsibility of the author to obtain written permission for republication of previously published material, including figures and tables, from the author and publisher of the source publication.

**Comments on published articles**

Anyone wishing to submit comments on an article is asked to start by sending a copy to the author, inviting the author to send the commentator his or her observations, and in particular to explain any points on which the commentator has misunderstood the author. The commentator is asked to allow the author a reasonable time to reply before sending anything to the editor, and to enclose any reply received from the author. If the editor accepts the comment for publication, the original author will be given a chance to make a short reply in the same issue.

## WORLD DEVELOPMENT: AIMS AND SCOPE

*World Development* is a multidisciplinary monthly journal of development studies. It seeks to explore ways of improving standards of living, and the human condition generally, by examining potential solutions to problems such as: poverty, unemployment, malnutrition, disease, illiteracy, lack of shelter, environmental degradation, inadequate scientific and technological resources, trade and payments imbalances, international debt, gender and ethnic discrimination, violation of human rights, militarism and civil conflict, and lack of popular participation in economic and political life.

We invite contributions that offer constructive ideas and analysis, and that highlight the lessons to be learned from the experiences of different nations, societies, and economies.

*World Development* welcomes contributions that discuss these issues in new and imaginative ways, particularly if they point to reform and policy recommendations.

*World Development* recognizes "development" as a process of change involving nations, economies, political alliances, institutions, groups, and individuals. Development processes occur in different ways and at all levels: inside the family, the firm and the farm; locally, provincially, nationally, and globally.

Our goal is to learn from one another, regardless of nation, culture, income, academic discipline, profession, or ideology. We hope to set a modest example of enduring global cooperation through maintaining an international dialogue and dismantling barriers to communication.

Printed in Great Britain by Nuffield Press Ltd